

PTO 08-2896

CC = JP
19971021
Kokai
09271597

NET BAG FOR WASHING TENNIS SHOES, ETC., IN A WASHING MACHINE
[Undohgutsu nado o sentakuki de sentaku dekiru amibukuro]

Mayumi Yoshioka

UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. MARCH 2008
TRANSLATED BY: THE MCELROY TRANSLATION COMPANY

PUBLICATION COUNTRY	(19):	JP
DOCUMENT NUMBER	(11):	09271597
DOCUMENT KIND	(12):	Kokai
PUBLICATION DATE	(43):	19971021
APPLICATION NUMBER	(21):	8119482
APPLICATION DATE	(22):	19960405
INTERNATIONAL CLASSIFICATION ⁵	(51):	D 06 F 35/00 A 47 L 23/00
INVENTOR	(72):	Mayumi Yoshioka
APPLICANT	(71):	595163766 Mayumi Yoshioka
TITLE	(54):	NET BAG FOR WASHING TENNIS SHOES, ETC., IN A WASHING MACHINE
FOREIGN TITLE	[54A]:	Undohgutsu nado o sentakuki de sentaku dekiru amibukuro

Claim

1. A net bag for washing tennis shoes, etc., in a washing machine formed by placing a cushioning member (1) made of materials such as cloth and cotton between an outer surface net (5) and an inner surface net (6) and sewing to form a bag, and forming a take-out opening (4) by sewing in a fastener as an opening and closing means.

Detailed explanation of the invention

[0001]

Technical field of the invention

The present invention pertains to a net bag for washing tennis shoes, etc., in a washing machine that makes it possible to wash tennis shoes, slippers, canvas shoes, etc., easily, that in the past have been washed by hand using a brush, etc., in a washing machine without damaging the washing machine or the tennis shoes, etc.

[0002]

Prior art

In the past, tennis shoes, slippers, canvas shoes, etc., have been washed by hand using a brush, etc. And washing by hand required time and became a cause of chapped hands. However, when slippers are washed in a washing machine, the slippers are likely to be deformed and damaged. Furthermore, when tennis shoes, etc., are washed in a washing machine, the dirt on the tennis shoes becomes a cause of malfunction of the washing machine, hence washing of tennis shoes, etc., in a washing machine has not been possible.

[0003]

Problems to be solved by the invention

- a. Tennis shoes, slippers, canvas shoes, etc., have been washed by hand using a brush, etc., but hand washing requires time and becomes a cause of chapped hands.
- b. When slippers are washed in a washing machine, the slippers are likely to become deformed and damaged.
- c. When tennis shoes, etc., are washed in a washing machine, the dirt adsorbed on the tennis shoes, etc., becomes a cause of malfunction of the washing machine.
- d. Thorough cleaning is not possible when tennis shoes are washed by hand.

The goal of the present invention is to eliminate the above-mentioned disadvantages.

[0004]

Means to solve the problems

The present invention is a net bag for washing tennis shoes, etc., in a washing machine, said net bag formed by placing a cushioning member (1) made of materials such as cloth or cotton between an outer surface net (5) and an inner surface net (6) and sewing to form a bag, and forming a take-out opening (4) by sewing a fastener as an opening and closing means.

[0005]

Embodiment of the invention

When the net bag of the present invention is used, tennis shoes, etc., are placed inside the net bag of the present invention, and the bag is tossed into the washing machine and washing is done in the usual manner. In this case, the Domit [transliteration] core material (1) placed between the nets (5 and 6) functions as a

cushion in the washing tub and washing can be done without damaging the tennis shoes, etc., or the washing tub. And furthermore, since the Domit [transliteration] core material (1) is included, the dirt adsorbed on the tennis shoes, etc., does not leak out of the aforementioned net bag (2) and damage to the washing machine can be prevented.

[0006]

Application example

The present invention is explained in further detail with the application examples below.

(a) Upon making the net bag of the present invention, as shown in Figure 2, the Domit [transliteration] core material (1) is arranged on one surface of the outer surface net (5), and one surface of the inner surface net (6) is further arranged on one surface of the aforementioned Domit [transliteration] core material (1) and the assembly is sewn into a bag.

(b) Furthermore, a take-out opening (4) is provided by sewing a fastener (3) onto the aforementioned net bag (2) and serves as an opening and closing means as shown in Figure 1.

The present invention is constructed as explained above. In the present invention, tennis shoes, etc., are placed inside the net bag of the present invention, the bag is tossed into a washing machine and washing is done in the usual manner. In this case, the Domit [transliteration] core (1) placed between the nets (5 and 6) functions as a cushion in the washing machine and washing can be done without damaging the tennis shoes, etc., or the washing machine. And furthermore, since the Domit [transliteration] core (1) is included, the dirt adsorbed on the tennis shoes, etc., does not leak out of the aforementioned net bag (2) and damage to the washing machine can be prevented. As a result, washing of tennis shoes, etc., can be done easily in a washing machine. In this case, the size and the shape of the net, and furthermore, the position of the opening and closing means, etc., are not especially limited, and the means used for opening and closing is

not especially limited as long as opening and closing can be done and a surface fastener, buttons, etc., can be used. Furthermore, the cushioning member such as a cloth or cotton inserted between the aforementioned nets is not especially limited as long as sufficient cushioning can be achieved and at the same time, water, detergent, etc., can pass through it. In addition to the aforementioned application example, the inside net (6) may be omitted and a two-layer structure comprising a net (5) that forms the surface side and a cushioning member (1) such as a cloth and cotton can be used as well as long as the aforementioned effect can be achieved.

[0007]

Effect of the invention

When the net bag of the present invention is used, washing of tennis shoes, slippers, canvas shoes, etc., which traditionally has been done by hand using a brush, etc., can be done easily in a washing machine as in the case of regular clothes, and the time required and the discomfort of washing by hand can be eliminated. Furthermore, damage to the tennis shoes, slippers, canvas shoes, etc., as well as to the washing machine can be prevented.

Brief description of the figures

Figure 1 is a perspective view of the net bag of the present invention.

Figure 2 is an exploded view of the net bag of the present invention.

Explanation of symbols

- 1 Domit [transliteration] core material
- 2 Net bag

- 3 Fastener
- 4 Take-out opening
- 5 Outer surface net
- 6 Inner surface net

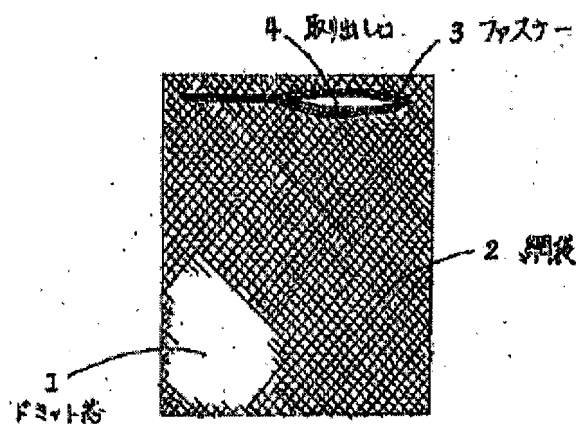


Figure 1

- Key:
- 1 Domit [transliteration] core
 - 2 Net bag
 - 3 Fastener
 - 4 Take-out opening

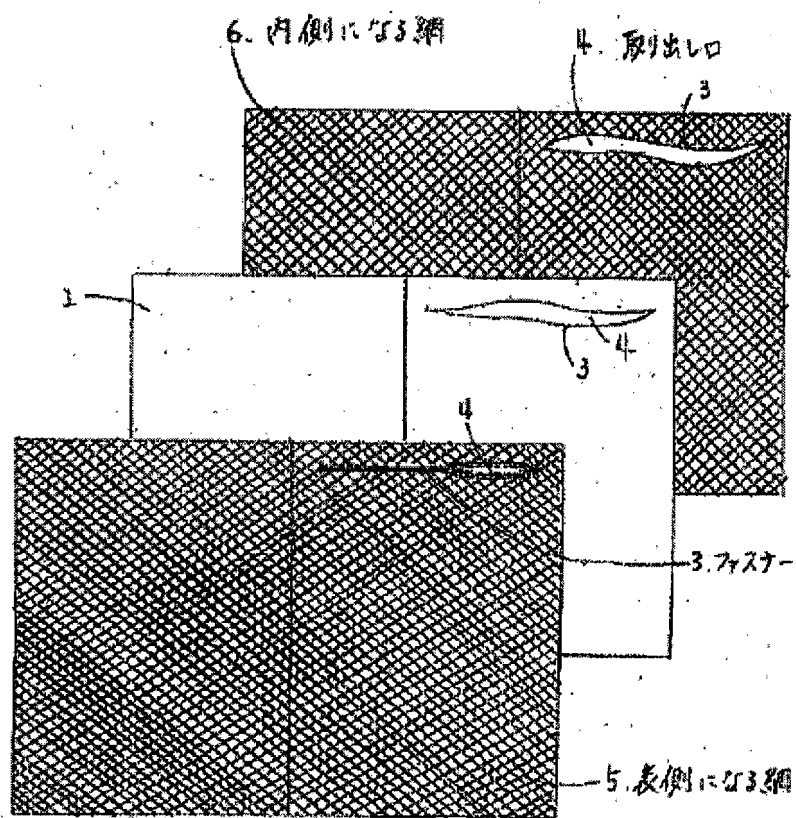


Figure 2

- Key: 3 Fastener
 4 Take-out opening
 5 Outer surface net
 6 Inner surface net